

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/375,114	BAKER ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	<i>AK</i>
Tho D. Ta	2833		

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to status letter dated 9/2/03.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>6/22/04</u>.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
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### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Gunnar G. Leinberg on 06/21/04.

2. The application has been amended as follows:

1. (Amended) An electrical socket contact for mating with a pin contact comprising:

an electrically conductive body having a pin contact engaging axial bore defined by:

at least one relatively fixed[,] pin contact arc receiving tine [upon disconnection of the mating pin and socket contacts]; and,

at least one relatively movable[,] pin contact engaging tine [upon axial mating],

said pin contact arc receiving tine having an axially extending pin contact engaging surface positioned at a maximum distance from the bore axis that is greater than the maximum transverse dimension of the pin contact from the bore axis and said pin contact engaging tine having an axially

extending pin contacting surface positioned at a maximum distance from the bore axis that is less than the maximum transverse dimension of the pin contact from the bore axis and having an axial length that is less than the axial length of the pin contact arc receiving tine.

6. (Amended) An electrical socket contact for mating with a pin contact comprising:

an electrically conductive body having a pin contact engaging axial bore defined by:

at least one relatively fixed[,] pin contact arc receiving tine [upon disconnection of the mating pin and socket contacts]; and,  
at least one relatively movable[,] pin contact engaging tine [upon axial mating],

said pin contact arc receiving tine having an arcuate, axially extending pin contact engaging surface with a radius greater than the radius of the pin contact and said pin contact engaging tine having an arcuate, axially extending pin contacting surface positioned at a maximum distance from the bore axis that is less than the maximum transverse dimension of the pin contact from the bore axis and having an axial length less than the axial length of the pin contact arc receiving tine.

Art Unit: 2833

3. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: figure number will be provided to SECTION A-A, SECTION B-B, DETAIL D and DETAIL E. In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

4. The following is an examiner's statement of reasons for allowance: the prior art fails to provide, teach or suggest the pin contact arc receiving tine having an axially extending pin contact engaging surface with a radius greater than the radius of the pin contact and the pin contact engaging tine having an axially extending pin contacting surface positioned at a maximum distance from the bore axis that is less than the maximum transverse dimension of the pin contact from the bore axis and having an axial length that is less than the axial length of the pin contact arc receiving tine.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tho D. Ta whose telephone number is (571) 272-2014. The examiner can normally be reached on M-F (8:00-5:30).

Art Unit: 2833

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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THO D.TA  
PRIMARY EXAMINER

tdt  
06/22/04